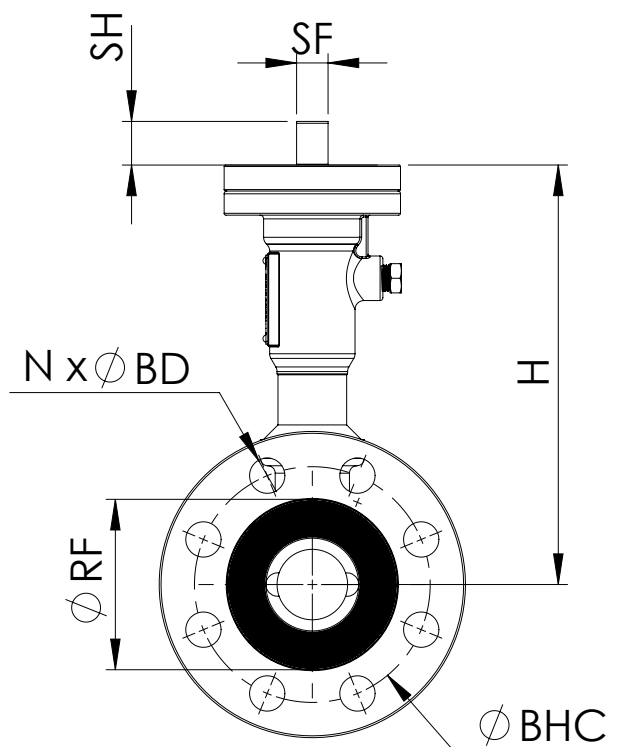
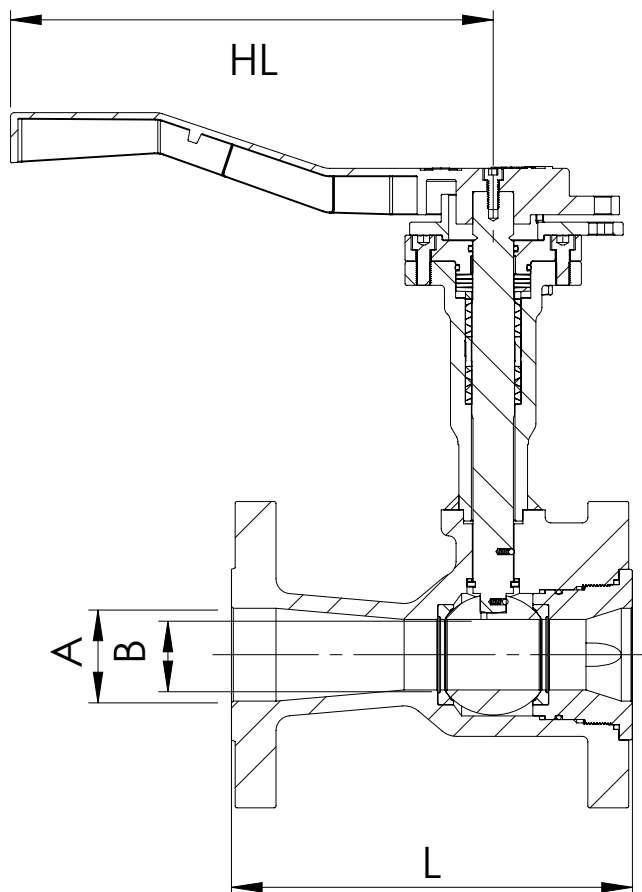
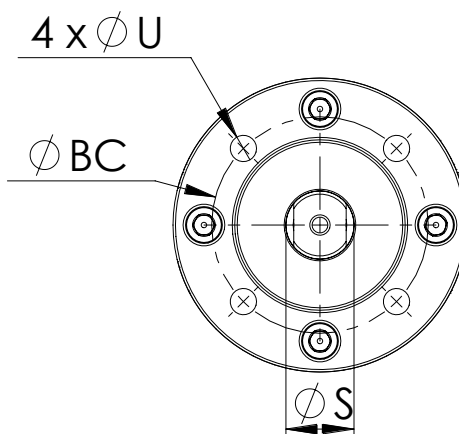


# Dimensions



| Valve Size | Cv   | Break Torque (in-lbs) | Run Torque (in-lbs) | MAST (in-lbs) C276 Material |
|------------|------|-----------------------|---------------------|-----------------------------|
| 1/2"       | 10   | 55                    | 30                  | 190                         |
| 3/4"       | 19   | 55                    | 30                  | 190                         |
| 1"         | 45   | 75                    | 40                  | 379                         |
| 1 1/2"     | 125  | 240                   | 125                 | 1780                        |
| 2"         | 175  | 310                   | 240                 | 1780                        |
| 3"         | 370  | 540                   | 340                 | 3454                        |
| 4"         | 800  | 1200                  | 632                 | 3454                        |
| 6"         | 1050 | 1970                  | 1100                | 3454                        |
| 8"         | 3200 | 4800                  | 2450                | 15265                       |
| 10"        | 3900 | 8364                  | 4188                | 15265                       |



| Valve Size | 150# Class |      |       |       |          | 300# Class |       |             |       | 300# GV |       |      |       |      |       |      |       |
|------------|------------|------|-------|-------|----------|------------|-------|-------------|-------|---------|-------|------|-------|------|-------|------|-------|
|            | A          | B    | L     | BHC   | N x Ø BD | L          | BHC   | N x Ø BD    | L     | H       | HL    | Ø S  | SF    | SH   | RF    | Ø BC | 4xØ U |
| 1/2"       | 0.50       | 0.50 | 4.25  | 2.38  | 4 x 5/8" | 5.50       | 2.63  | 4 x 5/8"    | 6.00  | 6.28    | 7.87  | 0.56 | 0.431 | 0.75 | 1.38  | 1.97 | 0.28  |
| 3/4"       | 0.75       | 0.50 | 4.62  | 2.75  | 4 x 5/8" | 6.00       | 3.25  | 4 x 3/4"    | 7.00  | 6.28    | 7.87  | 0.56 | 0.431 | 0.75 | 1.69  | 1.97 | 0.28  |
| 1"         | 1.00       | 0.75 | 5.00  | 3.13  | 4 x 5/8" | 6.50       | 3.50  | 4 x 3/4"    | 8.00  | 6.87    | 7.87  | 0.56 | 0.431 | 0.75 | 2.00  | 1.97 | 0.28  |
| 1 1/2"     | 1.50       | 1.18 | 6.50  | 3.88  | 4 x 5/8" | 7.50       | 4.50  | 4 x 7/8"    | 9.00  | 9.29    | 10.25 | 0.87 | 0.667 | 0.93 | 2.88  | 2.76 | 0.36  |
| 2"         | 2.00       | 1.50 | 7.00  | 4.75  | 4 x 3/4" | 8.50       | 5.00  | 8 x 3/4"    | 10.50 | 8.90    | 10.25 | 0.87 | 0.667 | 0.93 | 3.62  | 2.76 | 0.36  |
| 3"         | 3.00       | 2.45 | 8.00  | 6.00  | 4 x 3/4" | 11.12      | 6.63  | 8 x 7/8"    | 12.50 | 10.71   | 13.38 | 1.11 | 0.866 | 1.23 | 5.00  | 4.02 | 0.44  |
| 4"         | 4.00       | 3.00 | 9.00  | 7.50  | 8 x 3/4" | 12.00      | 7.88  | 8 x 7/8"    | 14.00 | 11.25   | 13.38 | 1.11 | 0.866 | 1.23 | 6.19  | 4.02 | 0.44  |
| 6"         | 6.00       | 3.70 | 10.50 | 9.50  | 8 x 7/8" | 15.88      | 10.63 | 12 x 7/8"   | 17.50 | 11.89   | 13.38 | 1.11 | 0.866 | 1.20 | 8.50  | 4.02 | 0.44  |
| 8"         | 8.00       | 6.00 | 11.50 | 11.75 | 8 x 7/8" | 16.50      | 13.00 | 12 x 1"     | 22.00 | 14.25   | MG    | 1.67 | 1.179 | 2.05 | 10.62 | 4.92 | 0.53  |
| 10"        | 10.00      | 7.00 | 13.00 | 14.25 | 12 x 1"  | 18.00      | 15.25 | 16 x 1 1/8" | 24.50 | 15.27   | MG    | 1.67 | 1.179 | 1.92 | 12.75 | 4.92 | 0.53  |

